

Title (en)

Small-arm having a rotary magazine.

Title (de)

Handfeuerwaffe mit Trommelmagazin.

Title (fr)

Arme à feu individuelle à chargeur du type à tambour.

Publication

EP 0077841 A1 19830504 (EN)

Application

EP 81108781 A 19811023

Priority

- EP 81108781 A 19811023
- US 30368081 A 19810918

Abstract (en)

A firearm has a spring motor powered rotary magazine (16) having a plurality of circumferentially spaced cartridge chambers (18). The magazine is rotatable discretely to align the chambers with the barrel and a firing pin (28) of a firing mechanism (22). The magazine has stop pins (32) each being associated with a chamber (18) and being adapted to interfere with a first arresting face of a slide bar (36) operatively connected to the firing firing mechanism (22), to arrest the magazine in a non-aligned position. Depression of a trigger (24) cocks the mechanism (22) which urges the slide bar (36) rearwardly from underneath the stop pin (32). This allows the magazine to be rotated to an aligned position, the stop pin interfering with a second arresting face to arrest the magazine. Further depression of the trigger causes the aligned cartridge to be fired. Slightly lagging in time, the slide bar (36) moves forward, pushes the stop pin (32) from the second arresting face and thus allows the magazine to rotate. A succeeding stop pin (32) interferes with the first arresting face to arrest the magazine in a non-aligned position with respect to a succeeding chamber (18). <??>A loading opening is arranged in a back cover plate (62) to be aligned with a chamber (18) when a preceding chamber (18) is non-aligned with the barrel. Partial depression of the trigger (24) against a safety mechanism (30) allows the firing mechanism (22) to be partially cocked only and to advance the magazine as described above to allow loading of the magazine.

IPC 1-7

F41C 13/00

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [Y] US 2472326 A 19490607 - DODGE YOUKER MILDRED
- [YD] US 4141165 A 19790227 - DICHTER WILHELM, et al
- [A] DE 214227 C
- [A] US 2303017 A 19421124 - BROWN CLAUD R, et al
- [A] FR 1206716 A 19600211

Designated contracting state (EPC)

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DOCDB simple family (publication)

US 4426802 A 19840124; EP 0077841 A1 19830504; EP 0077841 B1 19860730

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